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4-30-02  
M.L.

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On April 8, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

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Technology Center 2100

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mark R. Thompson, et al.

Application No.: 10/002,290

Filed: November 28, 2001

For: DETERMINING REDUNDANCIES  
IN CONTENT OBJECT DIRECTORIES

Examiner:

Art Unit: 2171

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.